

REMARKS

Claims 1 and 3-19 are pending in this application. Claims 1, 6 and 8-19 have been canceled without prejudice, claims 3 and 5 have been amended, and claims 20-33 have been added by the present Amendment. Amended claims 3 and 5 and new claims 20-33 do not add new matter.

REJECTIONS UNDER 35 U.S.C. § 112

Reconsideration is respectfully requested of the rejections of claims 3-7, 16, 17 and 19 under 35 U.S.C. § 112, first paragraph as failing to comply with the written description requirement.

Applicants have amended claim 3 to remove the disputed portions and/or to clarify the claim language so that it is enabled by the disclosure. See, e.g., Applicants' disclosure, Figs. 6(a)-6(c) and ¶¶ 0065-67.

Accordingly, Applicants submit that claim 3 and the claims dependent thereon comply with the written description requirement. In addition, Applicants note that claims 6, 16, 17 and 19 have been canceled by the present Amendment.

As such, Applicants respectfully submit that the Examiner withdraw the rejection of claims 3-7, 16, 17 and 19 under 35 U.S.C. § 112.

REJECTIONS UNDER 35 U.S.C. § 103

Withdrawal is respectfully requested of the rejection of (1) claims 1, 8-10, 12-15 and 18 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,392,620 (“Mizutani”) in view of U.S. Patent No. 5,233,338 (“Surguy”), and further in view of U.S. Patent No. 6,947,034 (“Kwon”); and (2) claim 11 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,693,618 (“Son”).

Claims 1, 8-15 and 18 have been canceled without prejudice by the present Amendment. Accordingly, Applicants request that the rejections of these claims be withdrawn.

NEW CLAIM 28

Claim 28 recites, *inter alia*, that each of the scanning areas includes a plurality of gate lines, and applying, in one frame period, the black data signal to pixels connected to gate lines of the second scanning area while gate-on voltages are applied to the gate lines of the second scanning area.

At the very least, Applicants respectfully submit that the cited references do not disclose or suggest the above features of claim 28.

For example, in contrast to the claimed embodiment, the areas of Son are different from those of the claimed embodiment. The areas of Son include only one gate line; however, the scanning areas of claim 28 include a plurality of gate lines.

Moreover, a plurality of gate lines in the second scanning area of the claimed embodiment are scanned at the same time; however, there is no corresponding element in Son, and there is no disclosure regarding the feature that a panel is divided into several scanning areas, each scanning area including a plurality of gate lines, and

the gate lines in one of several areas are scanned at the same time and at that time black data is applied.

Indeed, while Son may disclose that gate lines are scanned sequentially, according to the claimed embodiment, and in stark contrast to Son, the panel is divided into several areas, and gate lines located in one area are scanned at the same time.

Therefore, at the very least, the cited references fail to disclose that scanning areas include a plurality of gate lines, that the panel is divided into several scanning areas and that the gate lines located in one of the scanning areas are scanned at the same time and at that time black data is applied.

Accordingly, for at least these reasons, claim 28 and the claims dependent thereon are patentable over the cited references.

An early and favorable reconsideration is earnestly solicited. If the Examiner has any further questions or comments, the Examiner may telephone Applicants' Attorney to reach a prompt disposition of this application.

Respectfully submitted,



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